



GENERAL NOTES

- Breakaway posts are required with the Sequential Kinking Terminal.
- All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
- When the Sequential Kinking Terminal is selected as the end treatment for MBFG installation, the SKT can be flared at a rate of 25:1 to prevent the impact head from encroaching on the shoulder. The flare is not required and may be decreased or eliminated for specific installations.
- The soil tubes shall not protrude more than 100mm above ground (measured along a 1500mm cord). Site grading may be necessary to meet this requirement.
- The soil tubes may be driven with an approved driving head. Soil tubes should not be driven with the post in the tube. If the tubes are placed in drilled holes, the backfill material must be satisfactorily compacted to prevent settlement.
- When rock is encountered during excavation, a 300mm post hole, 500mm deep may be used if approved by the engineer. Granular material will be placed in the bottom of the hole approx. 65mm deep to provide drainage. The soil tubes will be field cut to length, placed in the hole and backfilled with adequately compacted material excavated from the hole.
- The breakaway cable assembly must be taut. A locking device, (vice grips or channel lock pliers) should be used to prevent the cable from twisting when tightening nuts.
- A special site evaluation should be considered prior to using the Sequential Kinking Terminal where there is less than 7.5m between the outlet side of the Sequential Kinking Terminal and any adjacent driving lane.
- The wood blockouts should be "toe nailed" to the rectangular wood posts to prevent them from turning when the wood shrinks.

ITEM NO.	QTY	BILL OF MATERIALS
S3000	1	IMPACT HEAD
S1303/S1305	1	W-BEAM GUARDRAIL END SECTION 3810mm OR 7620mm
G1203	1/0	W-BEAM GUARDRAIL, 12 GA. 3810mm
S730	2	*FOUNDATION SOIL TUBE, 152mm x 203mm x 1830mm
E740	1	PIPE SLEEVE
E750	1	BEARING PLATE, 200mm x 200mm x 16mm
S760	1	CABLE ANCHOR BOX
E770	1	BCT CABLE ANCHOR ASSEMBLY
E780	1	GROUND STRUT
P650	2	140mm x 190mm x 1143mm WOOD POST
P671	3	150mm x 200mm x 1830mm WOOD CRT POST
P675	3	150mm x 200mm x 360mm TIMBER BLOCKOUT
HARDWARE		
B580122	8/16	16mm x 32mm SPLICE BOLT
B580754	2	16mm x 191mm HEX BOLT
B581004	2	16mm x 254mm HEX BOLT
B581002	1	16mm x 254mm H.G.R. BOLT (POST 2 ONLY)
B581802	3	16mm x 457mm H.G.R. BOLT (POSTS 3 THRU 5)
N050	16/24	16mm H.G.R. NUT (SPLICE 8/16, SOIL TUBE 2, STRUT 2, POST 2, 1; POSTS 3 THRU 5, 3.)
W050	8	H.G.R. WASHER
N100	2	25mm ANCHOR CABLE HEX NUT
W100	2	25mm ANCHOR CABLE WASHER
E350	2	10mm x 76mm LAG SCREW
SB58A	8	CABLE ANCHOR BOX SHOULDER BOLT
N055A	8	13mm A325 STRUCTURAL NUT
W050A	16	27mm OD X 14mm ID A325 STR. WASHER

Foundation Tube Options For Posts 1 & 2

- *1829mm Split Foundation Tube S730
- *1829mm Solid Foundation Tube E731
- *1524mm Foundation Tube S735 W/Soil Plate SP600
- *1372mm Foundation Tube E735 W/Soil Plate SP600

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION

☒ Approved

☐ Approved with revision

☐ Rejected

BY: *Paul B. Ali*

DATE: *5/1/00*

TL-2 SEQUENTIAL KINKING TERMINAL
(SKT-350) ASSEMBLY
2 FOUNDATION TUBE OPTION

DRAWN/REVISED BY LS/SML	DATE REVISED 01/03/00	DWG NO. SKT-W-TL2-2M	PG 1	OF 1
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ROAD SYSTEMS INC.

BIG SPRING, TX.

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